

- 1 1. An improved scanning apparatus, comprising:
2 a flat-bed scanner having a housing, scanbar and a transparent platen for images to
3 be scanned;
4 said housing receiving said transparent platen; and,
5 said housing having a pattern adjacent a portion of said platen with said platen and
6 said pattern being scannable by said scanbar.
- 1 2. The apparatus of claim 1 further comprising said housing having an aperture for
2 receiving said platen with said pattern being positioned on a portion of an edge of said
3 aperture adjacent said platen.
- 1 3. The apparatus of claim 2 further comprising said pattern extending along two
2 edges portions of said platen aperture.
- 1 4. The apparatus of claim 3 further comprising said two edges of said platen aperture
2 being substantially perpendicular to one another.
- 1 5. The apparatus of claim 2 further comprising said pattern being disposed along the
2 entirety of the edge portion of said platen aperture.
- 1 6. The apparatus of claim 1 further comprising said pattern being defined by a
2 plurality of preselected shapes.
- 1 7. The apparatus of claim 6 further comprising said shapes being selected from a
2 group consisting of bars, rings, semicircles, crescents, dots, rectangles, and combinations
3 of two or more of the foregoing.
- 1 8. The apparatus of claim 6 further comprising said shapes being of varying
2 dimensions.
- 1 9. The apparatus of claim 6 further comprising said bars being of equal thickness.
- 1 10. The apparatus of claim 9 further comprising said bars being of varying length.

- 1 11. The apparatus of claim 1 further comprising said pattern being a single color
2 contrasting with said housing color.
- 1 12. The apparatus of claim 1 further comprising said pattern having shapes of at least
2 two colors.
- 1 13. The apparatus of claim 1 further comprising said pattern being a plurality of dots.
- 1 14. The apparatus of claim 1 further comprising said pattern having a plurality of dots
2 defining a checkerboard pattern of at least a first color and a second color.
- 1 15. The apparatus of claim 13 further comprising said plurality of dots varying in size.
- 1 16. The apparatus of claim 13 further comprising said plurality of dots defining a
2 preselected shape.
- 1 17. The apparatus of claim 13 further comprising said plurality of dots being multi-
2 colored.
- 1 18. The apparatus of claim 1 further comprising said pattern including a bar and a dot.
- 1 19. The apparatus of claim 19 further comprising at least one of said bar and said dot
2 being a second color.
- 1 20. The apparatus of claim 1 further comprising said pattern being formed on said
2 housing by one of the following group consisting of screen-printing, pad painting,
3 painting, printing, molding, pre-printed adhesive strips, or combinations of two or more
4 of foregoing.
- 1 21. An improved scanning apparatus, comprising:
2 a multi-function peripheral having at least a scanner having a scanbar;
3 said scanner having an upper housing portion including a platen aperture therein;

4 said upper housing portion having an undersurface comprising a pattern; and
5 said pattern extending along each edge of said platen aperture.

1 22. The apparatus of claim 22 further comprising said housing having a raised edge
2 defining said platen aperture.

1 23. The apparatus of claim 23 further comprising said pattern being disposed on said
2 raised edge and scannable by said scanbar.

1 24. The apparatus of claim 23 further comprising said raised edge having a plurality
2 of ridges scannable by said scanbar.

1 25. The apparatus of claim 25, further comprising a screen print on a top ridge surface
2 of said molded ridges.

1 26. The apparatus of claim 25 further comprising said molded ridges defining said
2 pattern.

1 27. An improved scanning apparatus, comprising:
2 a scanner having a scanbar and an upper housing portion having a platen aperture
3 therein;
4 said scanner upper housing portion having a pattern along at least two edges of
5 said platen aperture for optical recognition of said platen aperture edge by said scanbar.

1 28. The apparatus of claim 28 further comprising said at least two edges being
2 perpendicular to one another.

1 29. The apparatus of claim 29, further comprising said at least two edges defining a
2 home position for said scanbar and said platen aperture having a corresponding
3 justification corner.

1 30. A method of producing a full-page scan of an image in a scanner, comprising:
2 placing the image within a platen aperture of the scanner on the scanner;
3 performing a prescan of said image and a pattern on said scanner;
4 recognizing said pattern in prescan scan data;

5 determining the platen aperture location by recognition of said pattern;
6 producing image only scan data without data loss at said platen aperture location.

1 31. The method of claim 31 wherein producing image only scan data further
2 comprises performing a primary scan on said image and said pattern, and automatically
3 removing said recognized pattern data from said scanned data of said primary scan.

1 32. The method of claim 31 wherein producing image only scan data further
2 comprises performing a primary scan on said image and said pattern, and manually
3 removing said recognized pattern data from said scanned data of said primary scan.

1 33. The method of claim 31 wherein producing image only scan data further
2 comprises performing a primary scan of said image while inhibiting scanning of said
3 recognized pattern during said primary scan.

1 34. A method of producing a full page scan of an image in a scanner, comprising:
2 placing the image within a platen aperture of said scanner
3 scanning said image and a pattern on said scanner; and,
4 removing said pattern data from scanned data of said image and pattern.

1 35. The method of claim 35, further comprising automatically removing said pattern
2 data from said scanned data.

1 36. The method of claim 35, further comprising manually removing said pattern data
2 from said scanned data.

1 37. A method of producing a full-page scan of an image in a scanner, comprising:
2 placing the image on a platen aperture of said scanner
3 performing a prescan of the image and a pattern on said housing of said scanner;
4 recognizing said pattern data and locating from said pattern data at least one
5 platen aperture edge;
6 performing a primary scan of said image and said pattern; and
7 removing said pattern data from a scanned data produced during said primary
8 scan.

1 38. The method of claim 38 wherein said pattern is located adjacent one edge of said
2 platen aperture.

1 39. The method of claim 38 wherein said pattern is located adjacent to and
2 coextensive with one edge of said platen aperture.